



FORM PTO-1449 Commerce (Rev. 2-32)		U. S. Department of Patent and Trademark Office		Atty. Docket No. 00-888-K	Serial No. 10/799,535
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several Sheets is Necessary)				Applicant: Sullenger, et al.	
				Filing Date: March 12, 2004	Group:

U.S. PATENT APPLICATION DOCUMENTS


Examiner Initial	Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
N	5,126,260	06-1992	Tuan, et al			
	5,225,337	07-1993	Robertson			
	5,869,254	02-1999	Sullenger			
	5,667,969	09-1997	Sullenger			
	5,225,337	07/06/93	Robertson			
	5,389,514	02/15/95	Taylor			
	5,869,254	02/09/99	Sullenger			
	4,987,017	01/22/91	Cech, et al			
	5,641,673	06/24/97	Haseloff, et al			
	5,498,531	03/12/97	Jarrell			


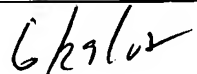
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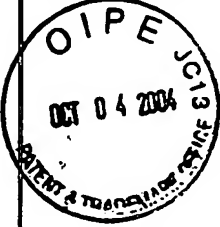
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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Translation	
							Yes	No
N		92/13090	08-1992	PCT				
		93/00833	05-1993	WO/PCT				
		90/01731	1990	EPO				
		88/04300	06-1988	WO/PCT				
		92/13089	08-1992	WO/PCT				
		92/07065	08-1992	WO/PCT				


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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).


✓	Weber et al., "Antiviral properties of a dominant negative mutant of the herpes simplex virus type 1 regulatory protein ICP0," <i>Journal of General Virology</i> 73:2955-2961 (1992).
	Rossi, "Controlled, targeted, intracellular expression of ribozymes: progress and problems," <i>TIBTECH</i> 13:301-306 (1995).
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	Flanagan and Cech, "Tetrahymena Ribozyme Catalyzes Trans-splicing of Model Oligoribonucleotide Substrates," <i>J. Cell. Biochem</i> , 12D, 4 April 1998, New York, Pg. 28.
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✓	Hampel and Tritz, "RNA Catalytic Properties of the Minimum (-)sTRSV Sequence," <u>Biochemistry</u> 28:4929-4933 (1989).
	Hampel et al., "'Hairpin' Catalytic RNA Model: Evidence for Helices and Sequence Requirement for Substrate RNA," <u>Nucleic Acids Research</u> 18:299-304 (1990).
	Perrotta and Been, "Cleavage of Oligoribonucleotides by a Ribozyme Derived from the Hepatitis δ Virus RNA Sequence," <u>Biochemistry</u> 31:16-21 (1992).
	Guerrier-Takada et al., "The RNA Moiety of Ribonuclease P Is the Catalytic Subunit of the Enzyme," <u>Cell</u> 35:849-857 (1983).
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✓	Dzierzak et al., "Lineage-specific Expression of a Human β -globin Gene in Murine Bone Marrow Transplant Recipients Reconstituted with Retrovirus-transduced Stem Cells," <u>Nature</u> 331:35-41 (1989).
✓	Konarska et al., " <i>Trans</i> Splicing of mRNA Precursors in Vitro," <u>Cell</u> 42:165-171 (1985).

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<input checked="" type="checkbox"/>	Kruger et al., "Self-Splicing RNA: Autoexcision and Autocyclization of the Ribosomal RNA Intervening Sequence of <i>Tetrahymena</i> ," <u>Cell</u> 31:147-157 (1982),
<input type="checkbox"/>	Malim et al., "Functional Dissection of the HIV-1 Rev <i>Trans</i> -Activator – Derivation of a <i>Trans</i> -Dominant Repressor of Rev Function" <u>Cell</u> 58:205-214 (1989).
<input type="checkbox"/>	Morgan and Anderson, "Human Gene Therapy," <u>Annu. Rev. Biochem.</u> 62:191-217 (1993).
<input type="checkbox"/>	Murphy and Cech, "Alteration of Substrate Specificity for the Endoribonucleolytic Cleavage of RNA by the <i>Tetrahymena</i> Ribozyme," <u>Proc. Natl. Acad. Sci. USA</u> 86:9218-9222 (1989).
<input type="checkbox"/>	Price and Cech, "Coupling of <i>Tetrahymena</i> Ribosomal RNA Splicing to β -Galactosidase Expression in <i>Escherichia coli</i> ," <u>Science</u> 228:719-722 (1985).
<input type="checkbox"/>	Price and Cech, "Determinants of the 3' Splice Site for Self-splicing of the <i>Tetrahymena</i> pre-rRNA," <u>Genes & Development</u> 2:1439-1447 (1988).
<input type="checkbox"/>	Sarver et al., "Ribozymes as Potential Anti-HIV-1 Therapeutic Agents" <u>Science</u> 247:1222-1225 (1990).
<input type="checkbox"/>	Smith et al., "Development of a <i>lacZ</i> Marked WEHI-3B D ⁺ Murine Leukemic Cell Line as an <i>In-Vivo</i> Model of Acute Non-Lymphocytic Leukemia," <u>Leukemia</u> 7:310-317 (1993).
<input type="checkbox"/>	Solnick, " <i>Trans</i> Splicing of mRNA Precursors," <u>Cell</u> 42:157-164 (1985).
<input type="checkbox"/>	Sullenger et al., "Overexpression of TAR Sequences Renders Cells Resistant to Human Immunodeficiency Virus Replication," <u>Cell</u> 63:601-608 (1990).
<input type="checkbox"/>	Trono et al., "HIV-1 Gag Mutants Can Dominantly Interfere with the Replication of the Wild-type Virus," <u>Cell</u> 59:113-120 (1989).
<input checked="" type="checkbox"/>	Tsuchihashi et al., "Protein Enhancement of Hammerhead Ribozyme Catalysis," <u>Science</u> 262:99-102 (1993).
<input checked="" type="checkbox"/>	van der Veen et al., "Excised Group II Introns in Yeast Mitochondria are Lariats and Can Be Formed by Self-splicing <i>In Vitro</i> ," <u>Cell</u> 44:225-234 (1986).


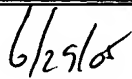
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✓	Weber et al., "Antiviral properties of a dominant negative mutant of the herpes simplex virus type 1 regulatory protein ICP0," <u>Journal of General Virology</u> 73:2955-2961 (1992).
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✓	Zaug et al., "The <i>Tetrahymena</i> Ribozyme Acts Like an RNA Restriction Endonuclease," <u>Nature</u> 324:429-433 (1986).

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